Get improved performance and new features from Dell EMC PowerEdge servers with 3rd Gen AMD EPYC processors

We put 3rd Gen AMD EPYC processor-powered Dell EMC PowerEdge servers to the test with a variety of workloads to see the benefits and features your organization could expect from this latest offering

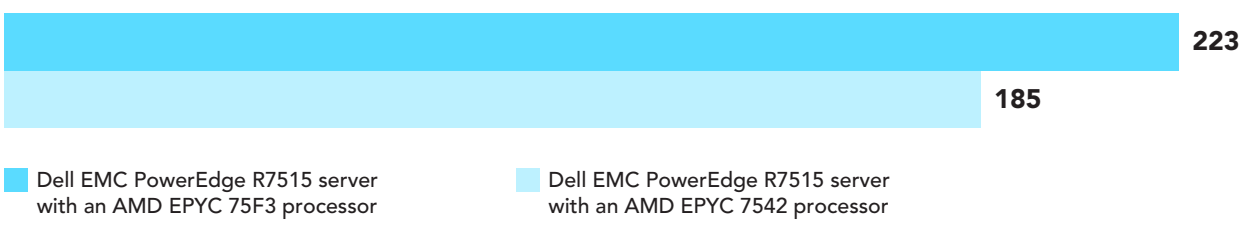
Support more VDI users

In a VMware® Horizon 8 environment, we saw better VDI performance from a Dell EMC™ PowerEdge™ R7515 server powered by an AMD EPYC™ 75F3 processor vs. the same server powered by an AMD EPYC 7542 processor.

Dell EMC PowerEdge R7515

Support up to 20% more VDI users

Number of VDI users (higher is better)



Learn more at http://facts.pt/cd6YZZq

Get better MongoDB performance

A cluster of Dell EMC PowerEdge R6515 servers with AMD EPYC 75F3 processors outperformed the same cluster with AMD EPYC 7542 processors when running big data MongoDB workloads.

Dell EMC PowerEdge R6515

20% more operations per second

Operations per second (OPS) on the Yahoo Cloud Serving Benchmark (higher is better)

Learn more at http://facts.pt/DkVleZ5

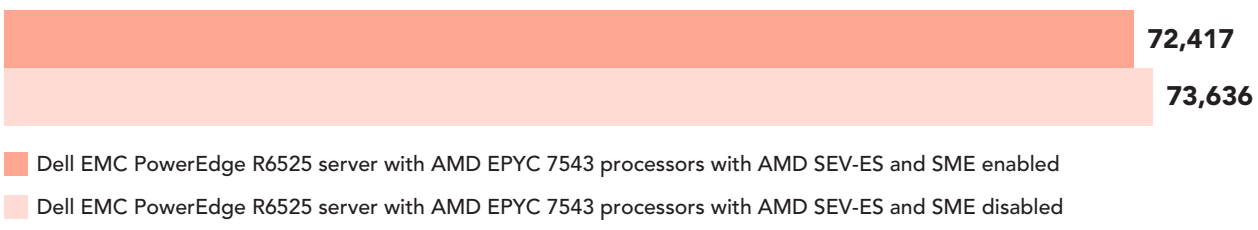
Secure and encrypt virtual machines with minimal performance impact

We tested a Dell EMC PowerEdge R6525 server with AMD EPYC 7543 processors and found that it delivered similar OLTP performance with and without AMD Secure Encrypted Virtualization - Encrypted State (SEV-ES) and AMD Secure Memory Encryption (SME) enabled.

Dell EMC PowerEdge R6525

Get the benefits of confidential compute with just a 1.7% difference in OLTP performance

Orders per minute (OPM) (16 threads, 100ms think time, higher is better)



Learn more at http://facts.pt/zFbVc8z

Create useful data center health visualizations with Dell iDRAC9 Telemetry reference toolset and Elastic Stack

We set up these features on a Dell EMC PowerEdge R6515 server with a 3rd Gen AMD EPYC processor and wrote a how-to guide for users interested in this solution:

Dell EMC PowerEdge R6515

Get started quickly with iDRAC9 Telemetry Streaming and Elastic Stack

Continue to ingest telemetry data even during heavy server load

Learn more at http://facts.pt/Z1QlxNp

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